

SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

| | |
|---|---------------------|
| Operator: AMEREN ILLINOIS COMPANY | Operator ID#: 32513 |
| Inspection Date(s): 10/2/2013, 10/3/2013 | Man Days: 2 |
| Inspection Unit: Macomb | |
| Location of Audit: Macomb | |
| Exit Meeting Contact: | |
| Inspection Type: Design Testing and Construction | |
| Pipeline Safety Representative(s): Donald Hankins, | |
| Company Representative to Receive Report: Michael Fuller | |
| Company Representative's Email Address: mfuller2@ameren.com | |

| CONSTRUCTION INFORMATION | | |
|--|--------------------------------|--|
| Location of Construction: 514 West Washington Street, Macomb, Illinois | | Construction Performed By: Ameren Illinois Crew |
| Contractor Foreman: | No contractor on the job site. | |
| Operator Inspector: | Chris Juliusson | |
| Person(s) On Job Site | | |
| Mike Pershing | Rick Brumby | |
| | | |
| | | |
| | | |
| Description of Construction: The Ameren crew was replacing isolated service risers at the meter set. The old steel risers were replaced by installing new plastic risers and electro fused on to the plastic service line. The new risers were air tested at 100 psig for 10 minutes with no leaks being found. | | |

| SERVICE INSTALLATION | | Status |
|--|-------|--------|
| [192.55] | Steel | No |
| <u>General Comment:</u> No steel was installed during this audit. | | |
| [192.59] | PE | Yes |
| [192.59] | Other | No |
| <u>General Comment:</u> | | |

SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

| | | |
|--|--|-----------------------|
| <i>No other pipe was installed at this job site.</i> | | |
| [192.619,192.621,192.623] | MAOP | 60 psig |
| [192.5] | Class location : | Class 2 |
| [192.53] | Are components qualified for use? | Satisfactory |
| [192.63(a)(2)] | Pipe Size : | 1/2" Plastic |
| [192.55,192.59] | Specification : | ASTM D- 2513 |
| [192.55,192.59] | Manufacturer : | Driscoplex |
| [192.55,192.59] | Pipe Grade : | PE 2404/2708 |
| [192.55,192.59] | Wall Thickness : | .090 |
| [192.63] | Are pipe, valves, and fittings properly marked for identification? | Satisfactory |
| [192.227] | Welder qualification date: | Not Applicable |
| <u>General Comment:</u> <i>No welding on this job site.</i> | | |
| [192.227] | Welder's Name: | Not Applicable |
| <u>General Comment:</u> <i>No welding on this job site.</i> | | |
| [192.225,192.275,192.277,192.279,192.283] | Is pipe joined in accordance with approved written procedures? | Satisfactory |
| [192.285] | Date of Qualification : | 1-23-13 |
| [192.285] | Joiner's name: | Mike Pershing |
| [192.455] | Is buried metallic pipe coated? | Not Applicable |
| <u>General Comment:</u> <i>No metallic pipe used during this audit</i> | | |
| [192.455(a)(1)] | Is cathodic protection being provided? | Not Applicable |
| <u>General Comment:</u> <i>No cathodic protection on this line, it is plastic</i> | | |
| [192.455(a)(1)] | Is cathodic protection being provided? By Anodes: | No |
| <u>General Comment:</u> <i>This is a plastic system no cathodic protection on this line.</i> | | |
| [192.455(a)(1)] | Is cathodic protection being provided? By Rectifier: | No |
| <u>General Comment:</u> <i>This is a plastic system no cathodic protection on this line.</i> | | |

SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

| | | |
|--|---|-----------------------|
| [192.461] | Does coating meet 192.461? | Not Applicable |
| <u>General Comment:</u> <i>This is a plastic system.</i> | | |
| [192.461(c)] | Is coating inspected just prior to being installed in the ditch? | Not Applicable |
| <u>General Comment:</u> <i>This is a plastic system.</i> | | |
| [192.479] | Are above ground facilities cleaned and coated or jacketed as needed? | Satisfactory |
| <u>General Comment:</u> <i>Above ground piping is clean and painted.</i> | | |
| [192.467] | Are pipelines electrically isolated from other underground metallic structures? | Not Applicable |
| <u>General Comment:</u> <i>No underground metallic structures in the area of this job.</i> | | |
| [192.319] | Is ditch back-filled to provide firm support and prevent damage to pipe or coating? | Satisfactory |
| [192.321(c)] | Is plastic pipe installed as to minimize shear and tensile forces? | Satisfactory |
| [192.321] | Does plastic pipe have means of locating while underground? | Satisfactory |
| [192.325] | Are required clearances from underground structures being maintained? | Not Applicable |
| <u>General Comment:</u> <i>No other underground structures in the area.</i> | | |
| Is required cover being obtained for the service line? | | Satisfactory |
| [192.503] | Are general testing requirements being met? | Satisfactory |
| [192.517] | Are records being made of strength and leak tests? | Satisfactory |
| [192.807] | Were covered employees Operator Qualification records reviewed to ensure qualification? | Satisfactory |
| [192.805(c)] | Were non-qualified personnel being "directed and observed" by a qualified individual? | Not Applicable |
| <u>General Comment:</u> <i>All employees were qualified for this job.</i> | | |
| [192.805(c)] | Were span of control limitations being followed? | Not Applicable |
| <u>General Comment:</u> <i>All employees' were qualified.</i> | | |

SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

| | | |
|--|--|-----------------------|
| Was a Protocol 9 (Form 15) Completed? | | No |
| <u>General Comment:</u> <i>A protocol 9 was not completed during this audit.</i> | | |
| [192.614] | Were One Call Notifications performed as required? | Satisfactory |
| [192.614] | Dig Ticket # | X2691480 |
| [192.383(b)] | Is an EFV installed on any new or replaced service line serving a single-family residence? | Not Applicable |
| <u>General Comment:</u> <i>No EFV valve was installed the line was dug up at the house only.</i> | | |

SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.